



OIIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/910,208A

DATE: 09/03/2002

TIME: 15:38:47

Input Set : A:\Novel calcium-binding protein.ST25.txt

Output Set: N:\CRF4\09032002\I910208A.raw

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3 <110> APPLICANT: Hitomi, Jiro
4     Yamaguchi, Ken
5     Yamamura, Tokujiro
6     Kimura, Tatsuji
8 <120> TITLE OF INVENTION: Calcium-binding protein
10 <130> FILE REFERENCE: 10472-AAK01
12 <140> CURRENT APPLICATION NUMBER: 09/910208A
C--> 13 <141> CURRENT FILING DATE: 2002-08-19
15 <160> NUMBER OF SEQ ID NOS: 2
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 429
21 <212> TYPE: DNA
22 <213> ORGANISM: calcium-binding protein
24 <220> FEATURE:
25 <221> NAME/KEY: exon
26 <222> LOCATION: (48)..(323)
27 <223> OTHER INFORMATION: Amino acid sequence of calcium-binding protein from bovine
amniot
28     ic fluid
31 <400> SEQUENCE: 1
32 ctggcattcc acattctgt gcagaggggt gaacgtagtt tggtaaa atg act aag      56
33                                     Met Thr Lys
34                                     1
36 ctg gaa gat cac ctg gag gga atc atc aac atc ttc cac cag tac tcc      104
37 Leu Glu Asp His Leu Glu Gly Ile Ile Asn Ile Phe His Gln Tyr Ser
38     5                10                15
40 gtt cgg gtg ggg cat ttc gac acc ctc aac aag cgt gag ctg aag cag      152
41 Val Arg Val Gly His Phe Asp Thr Leu Asn Lys Arg Glu Leu Lys Gln
42 20                25                30                35
44 ctg atc aca aag gaa ctt ccc aaa acc ctc cag aac acc aaa gat caa      200
45 Leu Ile Thr Lys Glu Leu Pro Lys Thr Leu Gln Asn Thr Lys Asp Gln
46     40                45                50
48 cct acc att gac aaa ata ttc caa gac ctg gat gcc gat aaa gac gga      248
49 Pro Thr Ile Asp Lys Ile Phe Gln Asp Leu Asp Ala Asp Lys Asp Gly
50     55                60                65
52 gcc gtc agc ttt gag gaa ttc gta gtc ctg gtg tcc agg gtg ctg aaa      296
53 Ala Val Ser Phe Glu Glu Phe Val Val Leu Val Ser Arg Val Leu Lys
54     70                75                80
56 aca gcc cac ata gat atc cac aaa gag taggaagctc ttccagcaa      343
57 Thr Ala His Ile Asp Ile His Lys Glu
58     85                90
60 tgtccccaag aagacttacc cttctctctcc ctgaggctgc cttacccgag ggaagagaga      403
62 attaataaac gtactttggc aaagtt      429

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65 <210> SEQ ID NO: 2
66 <211> LENGTH: 440
67 <212> TYPE: DNA
68 <213> ORGANISM: humab calcium-binding protein
70 <220> FEATURE:
71 <221> NAME/KEY: exon
72 <222> LOCATION: (22)..(297)
73 <223> OTHER INFORMATION: Deduced amino acid sequence for human calcium-binding
protein.
76 <400> SEQUENCE: 2
77 ggttaacatt aggctgggaa g atg aca aaa ctt gaa gag cat ctg gag gga      51
78                               Met Thr Lys Leu Glu Glu His Leu Glu Gly
79                               1           5           10
81 att gtc aat atc ttc cac caa tac tca gtt cgg aag ggg cat ttt gac      99
82 Ile Val Asn Ile Phe His Gln Tyr Ser Val Arg Lys Gly His Phe Asp
83                               15           20           25
85 acc ctc tct aag ggt gag ctg aag cag ctg ctt aca aag gag ctt gca     147
86 Thr Leu Ser Lys Gly Glu Leu Lys Gln Leu Leu Thr Lys Glu Leu Ala
87                               30           35           40
89 aac acc atc aag aat atc aaa gat aaa gct gtc att gat gaa ata ttc     195
90 Asn Thr Ile Lys Asn Ile Lys Asp Lys Ala Val Ile Asp Glu Ile Phe
91                               45           50           55
93 caa ggc ctg gat gct aat caa gat gaa cag gtc gac ttt caa gaa ttc     243
94 Gln Gly Leu Asp Ala Asn Gln Asp Glu Gln Val Asp Phe Gln Glu Phe
95                               60           65           70
97 ata tcc ctg gta gcc att gcg ctg aag gct gcc cat tac cac acc cac     291
98 Ile Ser Leu Val Ala Ile Ala Leu Lys Ala Ala His Tyr His Thr His
99 75                               80           85           90
101 aaa gag taggtagctc tctgaagctt tttaccacagc aatgtcctca atgagggtct    347
102 Lys Glu
105 tttctttccc tcaccaaaac ccagccttgc ccgtggggag taagagttaa taaacacact    407
107 cacgaaaagt taaaaaaaaa aaaaaaaaaat tct                                440

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VERIFICATION SUMMARY

DATE: 09/03/2002

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Input Set : A:\Novel calcium-binding protein.ST25.txt

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date